

### **Abstract**

A plasma display panel having a dielectric protection layer (14) including MgO and phosphor layers (25R, 25G, 25B) for red, green, and blue respectively wherein none of the phosphor layers contain  
5 any member of the group consisting of Group IV elements, transition metals, alkali metals, and alkaline earth metals, or wherein all the phosphor layers each contain a specific amount of one or more members of the group consisting of Group IV group elements, transition  
10 display panel, changes over the course of time in the impedance of the dielectric protection layer (14) is suppressed, and the phosphor layers are uniform with respect to the directional characteristics of the changes of the impedances, which results in suppression of occurrence of black noise.